
EMBED ONLINE SERVICES

CONTEXT

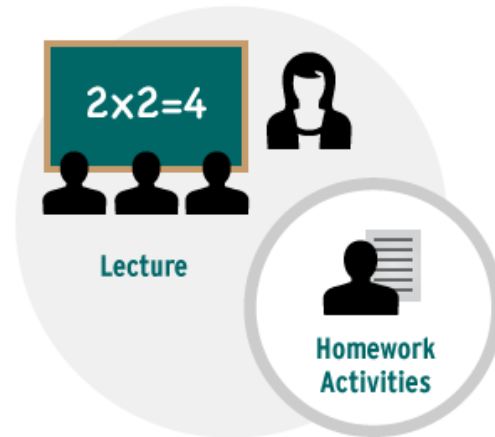
Discrete math course – 3rd year,
professional bachelor in ICT

Flipped classroom

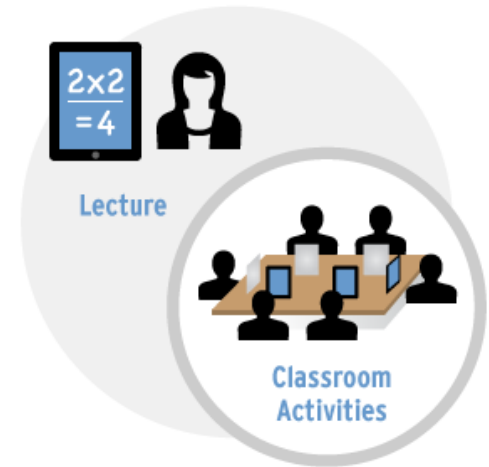
~30 students

Standard content → lot of videos
explaining the concepts

TRADITIONAL



FLIPPED



ITDMAT – COURSE SITE

Week 7 - Graphs

Week 7

This week is about graph theory.

The **reading** this week is:

Read Chapter 1.0–1.8 and 1.10, and the start of Chapter 10 (up to [theory.com/index.html](#); both editions are fine).

Note that the term "map" is used in the text; read that to mean "for proofs, but are able to give an overview of the topic, present a proof".

There is no electronic **self-quiz** for this week's topic.

The **videos** and **assignment** can be found below on this page. The

Videos

hand-in 7

Submission dates: 05 October 2015 00:01:00 to 09 October 2015 23:59:59
Evaluation dates: 10 October 2015 00:01:00 to 12 October 2015 10:00:00

[>>View/Complete Assessment](#)

E15 - ITDMAT-01 Diskret matematik [24007PU049]

Home Page

Information

Announcements

Course Description

Roster

Teaching

In class material

Week 1 - Sets and logic

Week 2 - Direct proofs and proof by contrapositive

Week 3 - Counterexamples and proof by contradiction

Week 4 - Proof by induction

Week 5 - More on proofs and Basic relations

Week 6 - Relations and functions

Week 7 - Graphs

Grades

Graph Theory 1 - Intro via Konigsberg Bridge

Graph Theory 1 - Intro via Konigsberg Bridge

Graph Theory 1 - Intro via Konigsberg B... Odd order vertex

If you start off the vertex you will end on it.

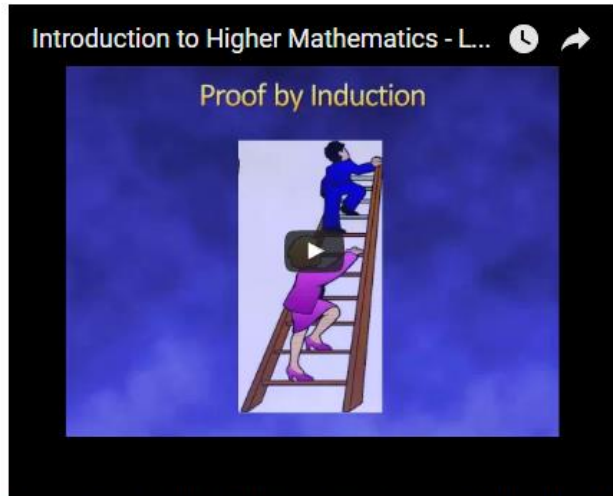
If you start on the vertex you will end off of it.

There is no going back!

Graph Theory - An Introduction!

YOUTUBE, SLIDESHARE ETC

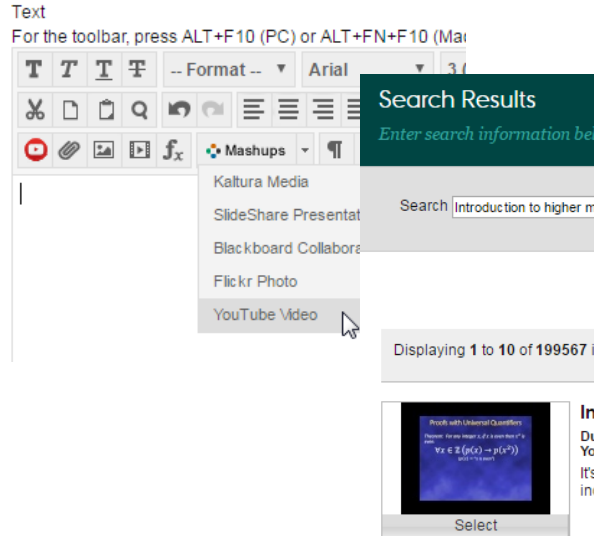
Induction proofs



Introduction to Higher Mathematics - Lecture 7: More Proof Techniques

User: n/a - Added: 19/02/13

Text
For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac)



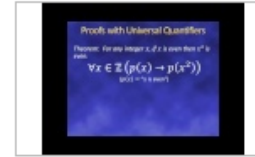
Search Results
Enter search information below

Search: Introduction to higher mathematics

Displaying 1 to 10 of 199567 items

Select

1. Add YouTube Content to Course



Name Introduction to Higher Mathematics

Duration: (23:38)


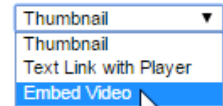
User: n/a - Added: 19/02/13

YouTube URL: <http://www.youtube.com/watch?v=...>

2. Mash-up Options

Show YouTube URL creates a link to the YouTube video, displays length of video, name of creator and the date added

View



Introduction to Higher Mathematics
Duration: (25:52) User: n/a Added: 19/02/13
YouTube URL: <http://www.youtube.com/watch?v=...>

OWN VIDEO CONTENT

Preparation before class

We expect that you have watched the augmentation, we use EDPuzzle, so y



Watch Video

Name: In
Duration: 00
Description: Sh

1. Content Information

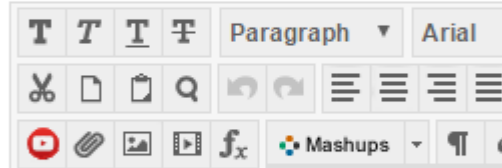
Name

EDPuzzle

Colour of Name



Text



- Kaltura Media
- SlideShare Presentation
- Blackboard Collaborate
- Flickr Photo
- YouTube Video

Upload media or record from w

Filter My Media

Save

Sort: Newest First

List View



00:02:10

Preview Select

NON YOUTUBE VIDEOS

Introduction

EDpuzzle Jens Bennedsen

Staircases

How many blocks will it take to build a staircase of n steps?

Submit Skip Rewatch

15:56 / 22:08

Good introduction to math problem solving and the approach (22 min)

0% Progress

Share assignment Share

Link Direct access to this assignment

<https://edpuzzle.com/assignments/57a993912d0d97a66c50eb41/watch>

Embed Code For embedding on your LMS Medium

```
<iframe width="470" height="402"
src="https://edpuzzle.com/embed/assignments/57a993912d0d97a66c50eb41/watch"
frameborder="0" allowfullscreen></iframe>
```

HTML CSS

```
<iframe
width="470" height="402"
src="https://edpuzzle.com/embed/assignments/57a993912d0d97a66c50eb41/w
allowfullscreen></iframe>
```

OTHER STUFF



Facebook



Aarhus Universitet ✓
47.571 Synes godt om



 Synes godt om side  Læs mere

2 venner synes godt om dette



 **Aarhus Universitet** her:  RIO Olympics.
28 min - Brasilia, Federal District, Brazil

@AarhusUni med på studiejob i OL-byen
De olympiske lege er lig med mange mennesker samlet på ét sted - og en stor del af dem endda i hård konkurrence - og lig et stort behov for medicinere til at passe på dem.
En af dem er @CarlosShiralipour, der i pausen mellem sit 4. og 5. semester på #AUmedicin lige nu har et frivilligt studiejob som førstehjælper i svømmearenaerne under OL i Rio.



Padlet ✓

padlet

 You

Bb@ST

Made with a lightning st

Twitter ✓

Tweets by @stlau



ST Learning...

@stlau

Nyt webcaststudie på vej til Navitas... Vi glæder os! #sciencemedialab @stlau @AarhusUni



Embed

View on Twitter

På STLL kan du følge os på Twitter